

KOTLYAR, P.S., inzh.

Prevent accidents in firing gas-heated steam boilers. Bezop.truda
v prom. 5 no.1:16-17 Ja '61. (MIA 14:2)

1. Upravleniya Kiyevskogo okruga Gosgortekhnadzora USSR.
(Boilers--Safety Measures)

KOTLYAR, P.S., inzh.; PEREL'MAN, B.M., inzh.; CHECHEL'NITSKIY, I.G., inzh.

Redesign of truck cranes. Bezop. truda v prom. 8 no.9:47-49
S '64 (MIRA 18:1)

1. Upravleniye Kiyevskogo okruga Gosudarstvennogo komiteta pri
Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem
rabot v promyshlennosti i gornomu nadzoru (for Kotlyar). 2. Up-
ravleniye spetsial'nykh mashin Glavkiyevforstroya (for Perel'man,
Chechel'nitskiy).

KOTLYAR, P.V.

Utilization of crushed anthracite for chemical water purification.
Energetik 7 no.2:38 F '59. (MIRA 12:1)
(Feed-water purification)

KOTLYAR, R.G.

Effective utilization of the K-1 cationite. Energetik 6 no.8:36-37
Ag '58. (MIRA 11:10)

(Ion exchange).

1. KOT, A.A.; KOTLYAR, R.V., ENG.; KHALAPSINA, YE.V., ENG.

2. USSR (600)

4. Steam Turbines

7. Preventing the clogging of turbines with salts. Elek.sta. 23 no.9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

KOTLYAR, R.V.

Using lignite as a substitute for glauconite and sulphuric coal. Energetik 1
no.4:38 S '53. (MLRA 6:8)

(Filters and filtration)

KOTLYAR, R.V.

Answering V.N.Skvortsov's questions. Energetik 1 no.4:38 S '53.

(MLRA 6:8)

(Steam boilers)

1. KOTLYAR, R. V.
2. USSR (600)
3. Water - Purification
4. Temperature of water fed into a system of chemical water purification. Rab. energ.
3 No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

1. KOTLYAR, R.
2. USSR (600)
4. Water - Analysis
7. Changing the unit of measurement for hard water. Rab. energ. 3, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

KOTLYAR, R. V.

AID P - 704

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 15/18
Author : Kotlyar, R. V., Eng.
Title : Chemical treatment of water
Periodical : Energetik, 8, 31-35, Ag 1954
Abstract : The article is another of a series to facilitate the study and application of the new "Rules of Operation of Electric Power Stations and Networks", and concerns chapter 16 of the "Rules".
Institution : None
Submitted : No date

KOTLYAR, R. V.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000825410002-9

AID P - 1197

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 19/27
Author : Kotlyar, R. V.
Title : ~~Performance of cationite filters.~~ (Letters from readers)
Periodical : Energetik, 12, 29-30, D 1954
Abstract : In reply to a question from a reader, the author explains that in practice there is no need of changing the sulfo-carbonic acid for many years. It is sufficient occasionally to add to it, but not more than 5 to 10% a year.
Institution : None
Submitted : No date

KOTLYAR, R. V.

Kotlyar, R.V.

AKOL'ZIN, P.A.; GURVICH, S.M.; KOTLYAR, R.V.; KOT, A.A.; MANET, A.P.;
MIKHAYLENKO, P.S.; PROKHOROV, P.G.; SOKOLOV, I.M.; CHERNOVA, L.A.;
SHKROB, M.S.; YANKOVSKIY, K.A.; GUREVICH, L.S.; POLYAKOV, V.V.

To the editors of "Energetik." Energetik 5 no.3:11-12 Mr '57.
(MIRA 10:3)

1. Vsesoyuznyy teplotekhnicheskii institut im. Dzerzhinskogo (for Akol'zin, Kot, Yankovskiy) 2. TSentral'nyy kotloturbinnyy institut (for Gurchich, Mamet.) 3. Teplo-elektro-proekt (for Gurevich). 4. Ministerstva elektrostantsiy (for Kotlyar, Prokhorov). 5. Teplovaya elektricheskaya tsentral'naya stantsiya No.9 (for Mikhaylenko, Polyakov) 6. Perevazochnyy etapnyy punkt (for Sokolov). 7. Moskovskoye rayonnoye upravleniye energokhozyaystva (for Chernova). 8. Energeticheskii institut Akademii nauk SSSR (for Shkrob).
(Boilers)

KOTLYAR, R., inzhener.

Requirements for the installation of water-treating units. Prom.
energ. 12 no. 2:38 F '57. (MIRA 10:3)
(Water--Purification)

SOV/91-58-2-24/31

AUTHOR: Kotlyar, R.V.

TITLE: On the Producer of Ceramic Tiles for the
Cationite Filters Used in Chemical Water
Purification (Ob izgotovitele keramicheskikh
plit dlya kationitovykh fil'trov khimvodoo-
chistki)

PERIODICAL: Energetik, 1958, Nr 2, p 36 (USSR)

ABSTRACT: Kotlyar answers the question put by N.S.
Shevchuk and A.I. Skorobogatov (from the town
of Kaspiysk, DASSR) as to which plant pro-
duces the ceramic tiles needed for cationite
filters replacing drain caps. There is 1
Soviet reference.

Card 1/1

AUTHOR: Kotlyar, R.V. 91-58-6-32/39

TITLE: Correspondence With Readers (Perepiska s chitatel'nyami).
Factories Manufacturing Slit Caps for Chemical Water Purification (O zavodakh, izgotovlyayushchikh shchelevyye kolpachki dlya khimvodoochistok)

PERIODICAL: Energetik, 1958, Nr 6, p 35 (USSR)

ABSTRACT: Information is given in reply to a question from Panferov (Uryupinsk, Malashov Oblast') as to where slit caps type VTI-K (plastic) and VTI-5 (porcelain) may be obtained.

AVAILABLE: Library of Congress

Card 1/1 1. Slit caps-Availability

AUTHOR: Kotlyar, R.V. 91-58-8-32/34
TITLE: The Effective Use of K-1 Cationite (Ob effektivnom ispol'-
zovanii kationita K-1)
PERIODICAL: Energetik, 1958, Nr 8, pp 36-37 (USSR)
ABSTRACT: In reply to N.D. Metelenko's query, the author discusses
the method of preparing K-1 espatite for use as a Na-ca-
tionite, and the chemical process and problems connected
with its softening.
1. Chemistry--USSR

Card 1/1

AUTHOR: Kotlyar, R. V. SOV/91-59-2-27/33

TITLE: The Use of Crushed Anthracite in Chemical Water Purifiers
(Ob ispol'zovanii droblenogo antratsita v khimvodoochistkakh)

PERIODICAL: Energetik, 1959, Nr 2, p 38 (USSR)

ABSTRACT: The author explains, that in preparations of water for the high-pressure boilers, the use of crushed anthracite (or that of marble crumbles) as a filtering material is much more preferable to the use of quartz sand, which contributes to the increase in water of the content of silicic acid.

Card 1/1

8 (6), 11 (7)

SOV/91-59-11-24/27

AUTHOR: Kotlyar, R.V.

TITLE: Using Crushed Coal as Filling Material in Cationite Filters

PERIODICAL: Energetik, 1959, Nr 11, pp 38-39 (USSR)

ABSTRACT: L.V. Mintser from Ordzhonikidze requests information concerning the use of crushed coal as filling material in cationite filters. The author of the reply states that crushed hard coal (anthracite AP or AS) may be used as filling material in cationite and mechanical filters. Using ASh coal is not recommended. The coal must have a low ash content. It must be carefully washed before using. The author recommends avoiding the use of filling materials. Drains should be used instead, for example those consisting of slotted bowls. Plastic VTI-K bowls are manufactured at the "Komsomol'skaya pravda" plant in Leningrad and may be used for cationite filters working at temperatures of up to 40°C. Porcelain filter bowls VTI-5 are re-

Card 1/2

SOV/91-59-11-24/27

Using Crushed Coal as Filling Material in Cationite Filters

commended for mechanical filters and for cationite filters working at temperatures higher than 40-45°C. They are manufactured at the Slavyanskiy izolyatornyy zavod (Slavyansk Insulator Plant) in the Donbass area and at the Tokarovskiy farforovoy zavod (Tokarovka Porcelain Plant) in the Zhitomirskaya oblast' of the UkrSSR.

Card 2/2

KOTLYAR, R. V.

Using activated carbon in mechanical filters. Energetik 8 no.5:37
Ky '60. (MIRA 13:8)

(Feed-water purification) (Filters and filtration)
(Carbon, Activated)

KOTLYAR, R. V.

Alkalinity of boiler water. Energetik 8 no.8:36-37 Ag '60.
(MIRA 13:10)
(Feed water)

KOTLYAR, R.V.

Concerning the use of washing waters after the regeneration of
cationite filters. Energetik 9 no.12:31 D '61. (MIRA 15:1)
(Feed-water purification)

KOTLYAR, R.V.

Concerning the checking of water hardness in a small boiler
system. Energetik 10 no.6:35-36 Je '62. (MIRA 16:3)
(Feed water)

KOTLYAR, R.V.

Neutralization of the alkalinity of boiler water. Energetik 11
no.8:44 Ag '63. (MIRA 16:10)

KOTLYAR, R.V.

Conducting of chemical analysis using sulfonated coal. Energetik
12 no.8:25-26 Ag '64. (MIRA 17:9)

Methods for determining the hardness of feedwater. Ibid.:26.


KOTLYAR4S8G8

600

1. DUBROVIN, I. M., KOTLYAR, S. G.

2. USSR (600)

"Smelting of Sorted Furnace Charges in a waterjacket Furnace in the Plant
imeni Molotov" Tsvet. Met. 14, No. 4-5, 1939.

9.  Report U-1506, 4 Oct 1951

KOTLYAR, S. G., CAND GEOL-MIN SCI, *On the* "RELATION OF CERTAIN
PETROLOGICAL *peculiarities of the* INTRUSION ~~CHARACTERISTICS~~ OF "KOLYM" GRANITES
TO THEIR STRUCTURAL *position* ~~SEDE~~ (BASIN OF THE *middle course of the* ~~WIDE BASIN~~ OF INDI-
GIRKA RIVER)." LENINGRAD, 1961. (LENINGRAD ORDER OF LENIN
STATE UNIV IM A. A. ZHDANOV). (KL, 3-61, 207).

KOTLYAR, S.G.

Three types of granitoid intrusions in the basin of the middle Indigirka River. Sov.geol. 4 no.9:115-126 S '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
(Indigirka Valley--Granite)

39542
S/170/62/005/008/007/009
B104/B102

Q6.5100

AUTHOR: Kotlyar, S. M.

TITLE: Heat conduction of a plane-parallel layer

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 8, 1962, 97-100

TEXT: The stationary temperature field of an unbounded plate is studied under the boundary conditions

$$T=f(r) \quad r < a, z=0; \quad (1)$$

$$-\frac{\partial T}{\partial z} + hT = 0 \quad r > a, z=0; \quad (2).$$

The solution

$$T(r, z, \tau) = AJ_0(\tau, r) \left[\frac{\exp[\tau(b-z)](\lambda\tau + a) + \exp[\tau(z-b)](\lambda\tau - a)}{e^{\tau b}(\lambda\tau + a)} \right]. \quad (7)$$

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Heat conduction of a plane-parallel ...

S/170/62/005/008/007/009
B104/B102

satisfies the Laplace equation in cylindrical coordinates.

$$B = \frac{\Lambda \exp(-\tau b) \cdot (\lambda \tau - a)}{\exp(\tau b) \cdot (\lambda \tau + a)}$$

is obtained from condition (3). $\Lambda(\tau)$ is obtained with the aid of an auxiliary function $\psi(t)$ which satisfies a Fredholm integral equation of the second kind.

$$T(r, z) = \int_0^{\infty} C(\tau) \frac{(\lambda \tau + a) \exp[\tau(b-z)] + (\lambda \tau - a) \exp[\tau(z-b)]}{e^{a\tau}(\lambda \tau + a) + e^{-a\tau}(\lambda \tau - a)} J_0(\tau r) d\tau, \quad (23)$$

is obtained where $C(\tau) = \left[1 - q(\tau)\right] \int_0^a \psi(t) \cos \tau t dt$. If $\lambda = 0$, $a \neq 0$ the

solution corresponds to the temperature field of a plane-parallel layer wherein the surface $z = b$ is kept at zero temperature; if $\lambda \neq 0$, $a = 0$, it corresponds to the temperature field of the same layer if the surface $z = b$ is insulated. $a/\lambda = h_0$ corresponds to the temperature field of a

Card 2/3

Heat conduction of a plane-parallel ...

S/170/62/005/008/007/009
B104/B102.

plane-parallel plate the surface $z = b$ of which emits heat into the surrounding medium according to Newton's law.

SUBMITTED: December 6, 1961

Card 3/3

KOTLYAR, S.M.

(Khar'kov)

Thermoelasticity of a plane-parallel layer. Inzh. zhur. 4 no.2:
297-301 '64 (MIRA 17:8)

ACCESSION NR: AP4033048

8/0147/64/000/001/0122/0126

AUTHOR: Kotlyar, S. M.

TITLE: The non-stationary problem of the theory of thermal conductivity for a hollow cylinder

SOURCE: IVUZ. Aviatzionnaya tekhnika, no. 1, 1964, 122-126

TOPIC TAGS: thermal conductivity, temperature, temperature field, heat transfer, heat exchange, temperature distribution

ABSTRACT: The article contains an analytical investigation of the axiosymmetrical temperature field of a hollow, circular cylinder of finite length with the condition that between the lateral surface of the cylinder and the surrounding medium, heat transfer occurs according to Newton's law, while at the ends and on the internal lateral surface of the cylinder heat transfer is absent. The author determined the temperature distribution function in a cylinder $U(r, z, t)$ which satisfies the thermoconductance equation

$$\frac{\partial U}{\partial t} = a \left[\frac{\partial^2 U}{\partial r^2} + \frac{1}{r} \frac{\partial U}{\partial r} + \frac{\partial^2 U}{\partial z^2} \right] \quad (1)$$

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ACCESSION NR: AP4033048

and the boundary conditions and initial condition

$$\frac{\partial U(r, z, t)}{\partial z} = 0, \quad z = 0, z = l, \quad (2)$$

$$\frac{\partial U(r, z, t)}{\partial r} = 0, \quad r = r_1, \quad 0 < z < l, \quad (3)$$

$$\frac{\partial U(r, z, t)}{\partial r} + h[U(r, z, t) - \varphi(z)] = 0, \quad r = r_2, \quad 0 < z < l, \quad (4)$$

$$U(r, z, t) = f(r, z), \quad t = 0, \quad (5)$$

where $u(r, z, t)$ is the temperature of the body at a point having coordinates at a moment of time t ; r_1 and r_2 are, respectively, the inner and outer radii, while the function $\varphi(z)$ may be piecewise continuous with discontinuity points of the first order. The final solution is presented in the following form:

$$u(r, z, t) = \sum_{n=1}^{\infty} \sum_{m=1}^{\infty} A_{nm} \frac{J_0(\alpha_n r_2) Y_0(\alpha_m r_1) - J_0(\alpha_n r_1) Y_0(\alpha_m r_2)}{Y_0(\alpha_n r_2)} \cos \alpha_n z \exp \times \quad (6)$$

$$\times \left\{ -\alpha \left[\frac{r_1^2}{r_2^2} + (\alpha n t)^2 \right] \right\} + \sum_{n=1}^{\infty} \rho_n \frac{J_0(\alpha n r_1) K_0(\alpha n r_2) + I_0(\alpha n r_2) K_0(\alpha n r_1)}{K_0(\alpha n r_1)} \cos \alpha_n z.$$

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ACCESSION NR: AP4033048

A calculation was made of the mean temperature of the rotor of a turbine BT-25 - 4: $\bar{u} = 364^{\circ}\text{C}$, as well as a shaft extension $\Delta L = 0.8$ cm. In addition, the shaft temperature was calculated at six points with the condition that $r = \text{constant} = 10$ cm, while time t varied, beginning at 90 to 280 every 10 minutes as shown in Table 1 of the Enclosure. In conclusion, the author expresses sincere thanks to G. I. Pavlovsky for the attention he has given this work. Orig. art. has: 28 formulas and 1 table.

ASSOCIATION: None

SUBMITTED: 14Sep63

SUB CODE: AS,GP

DATE ACQ: 11May64

NO REF SOV: 000

ENCL: 01

OTHER: 000

Card 3/4

ACCESSION NR: AP4033048

ENCLOSURE: 01

TABLE 1 -
Table of
Temperatures

Estimated radii -
 $r_1 = 5 \text{ cm}$, $r_2 =$
20 cm, $\lambda = 40$.

Temperature of the
external medium
600C.

Time min.	$s = 20 \text{ cm}$	$s = 30 \text{ cm}$	$s = 50 \text{ cm}$	$s = 80 \text{ cm}$	$s = 100 \text{ cm}$	$s = 120$
1	2	3	4	5	6	7
90	54	150	200	240	200	157
100	57	170	250	260	250	170
110	60	190	275	320	300	183
120	63	210	280	360	350	195
130	67	230	285	400	400	208
140	72	250	290	410	410	220
150	74	260	295	420	420	233
160	76	270	300	430	430	245
170	78	271	305	440	440	258
180	80	272	310	450	450	270
190	82	273	315	460	460	283
200	84	274	320	470	470	295
210	86	275	325	480	480	307
220	88	276	330	490	490	320
230	90	277	335	500	500	335
240	92	278	340	500	500	348
250	94	279	360	500	500	360
260	96	280	378	500	500	378
270	98	280	382	500	500	385
280	100	280	400	500	500	400

Card 4/4

L 13339-63 EPR/ENP(r)/ENP(j)/EPF(c)/EWT(1)/EPF(n)-2/EWT(m)/BDS/ES(v)/
 ES(w)-2 AFFTC/ASD/SSD Pa-L/Pc-L/Pr-L/Pu-L/Pe-L/Pab-L RM/WW
 ACCESSION NR: AP3004737 S/0170/63/006/008/0037/0040

AUTHOR: Kotlyar, S. M.

TITLE: Heat conduction in a two-layer system

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 6, no. 8, 1963, 37-40

TOPIC TAGS: heat conduction, two-layer system, steady temperature field, temperature distribution

ABSTRACT: The steady temperature field of a system consisting of two parallel plane layers with mixed boundary conditions is studied analytically. The solution of the problem is reduced to the determination of two functions of temperature distribution, which satisfy the Laplace equation in cylindrical coordinates. The distribution of temperatures in both layers is given by two integral equations in terms of layer thickness, thermal conductivity, temperature-field parameters, and an unknown function. Three different cases are discussed: 1) the temperature field of a two-layer system in which the surface of the outer layer is covered with a heat insulator; 2) the temperature field of the same system, in which the surface of the outer layer is maintained at zero temperature;

Card 1/2

L 13339-63

ACCESSION NR: AP3004757

and 3) the temperature field of the same system in which the outer surface radiates heat into surrounding space according to Newton's law. Orig. art. has: 29 formulas.

ASSOCIATION: none

SUBMITTED: 08Sep62

DATE ACQ: 27Aug63

ENCL: 00

SUB CODE: AI

NO REF SOV: 003

OTHER: 000

Card 2/2

KOTLYAR, S.M.

Heat conductivity of a two-layer system. Inzh.-fiz. zhur. 6
no.8:37-40 Ag '63. (MIRA 16:10)

KOTLYAR, S.M.

Heat conductivity of a plane-parallel layer. Inzh.-fiz.zhur.
5 no.8:97-100 Ag '62. (MIRA 15:11)
(Heat--Conduction)

KOTLYAR, S.M. (Khar'kov)

Stressed state of an infinite strip. Izv.vys.ucheb. zav.; mat
no. 1:69-72 '64. (MIRA 17:5)

KOTLYAR, S.M., inzh.

A nonsteady-state problem in the theory of thermal conductivity
for a solid cylinder. Izv. vys. ucheb.zav.; energ. 7 no. 4:
72-74 Ap '64. (MIRA 17:5)

KOTLYAR, S.M.

Nonsteady-state heat conduction problem for a rectangle under
boundary conditions of the third kind. Inzh.-fiz. zhur. 7
no.4:131-133 Ap '64. (MIRA 17:4)

ACCESSION NR: APL037103

S/0258/64/004/002/0297/0301

AUTHOR: Kotlyar, S. M. (Khar'kov)

TITLE: Thermoelasticity of a plane parallel layer

SOURCE: Inzhenernyy zhurnal, v. 4, no. 2, 1964, 297-301

TOPIC TAGS: thermoelasticity, plane parallel layer, temperature field, mixed boundary conditions, thermoelastic potential

ABSTRACT: Let b be the thickness of the layer and T_0 - constant temperature on the plane $z = b$. The temperature on the plane $z = 0$ is also constant and equal to 0 , and w is displacement along the z axis under the influence of a circular stamp of radius $r = a$. The author studies the stressed state of a plane parallel layer whose temperature field is given by

$$T = \frac{z}{b} T_0 \quad (1)$$

with mixed boundary conditions

$$\begin{aligned} \tau_{rz} = 0 \quad z = b, \quad 0 < r < \infty \quad \tau_{rz} = 0 \quad z = 0, \quad 0 < r < \infty \\ w = 0 \quad z = b, \quad 0 < r < \infty \quad (2) \\ w = f(r) \quad z = 0, \quad r < a \quad \sigma_z = 0 \quad z = 0, \quad r > a. \end{aligned}$$

Card 1/2

KOTLYAR, S.M. (Khar'kov)

Heat conductivity of a solid cylinder. Prikl. mekh. 10
no.5:489-492 '64. (MIRA 17:10)

1. Khar'kovskoye vyssheye voyennoye aviatsionnoye uchilishche
letchikov.

TSVETKOV, V.H.; KOTLYAR, S.Ya.

Investigation of polyvinyl acetate solutions by the light scattering method [with English summary in insert]. Zhur.fiz.khim.30 no.5:1100-1103 My '56.
(MIRA 9:9)

1.Akademiya nauk SSSR, Institut vysokomolekulyarnykh soedineniy, Leningrad.
(Light--Scattering) (Acetic acid)

AUTHORS: Tsvetkov, V. N., Frisman, E. V., Ptitsyn, O. B.,
Kotlyar, S. Ya. SOV/ 57-2-7-11/35

TITLE: The Shape Effect in the Dynamic Double Refraction of Polymer
Solutions (Effekt formy v dinamicheskom dvoynom lucheprlom-
lenii rastvorov polimerov)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, Vol. 28, Nr 7, pp.1428-1436
(USSR)

ABSTRACT: The authors suggest a theory of the shape effect in the dynamic
double refraction of polymer solutions. The taking into ac-
count of the shape effect in the theory of dynamic double re-
fraction is suggested on the basis of the model by Tsvetkov
and Frisman (Ref 9). According to this model the macromole-
cule in a solution is regarded as an ellipsoidal macroscopic
particle saturated with the solvent. The refraction index
of such a particle is different from the refraction index
of the solvent. Thus the particle does not only have an in-
trinsic anisotropy but also an anisotropy of shape. The lat-
ter can be calculated according to the known formula by
Maxwell (Refs 10 and 11) concerning the anisotropy of the

Card 1/3

The Shape Effect in the Dynamic Double Refraction of Polymer Solutions SOV/57-28-7-11/35

shape of macroscopic particles. It is shown that in the case of small velocity gradients the shape effect increases proportionally to the gradient, while in the case of great gradients it tends toward a constant value. The theory given expresses well the experimental data and in particular case; also the earlier-found dependence of the sign of the double refraction of a solution of polystyrene in dioxane on the velocity gradient. Finally the authors refer to the works by M. Čopič (Refs 17 and 18) and they show that in spite of the great difference in the models used and in spite of a number of assumptions in either theory they coincide well (viz. this theory and that by Čopič). There are 2 figures, 2 tables, and 18 references, 8 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soedineniy AN SSSR (Institute of High Molecular Compounds, AS USSR)
Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova
(Leningrad State University imeni A. A. Zhdanov)

SUBMITTED: May 11, 1957
Card 2/3

The Shape Effect in the Dynamic Double
Refraction of Polymer Solutions

SOV/57-23-7-11/35

1. Polymer solutions--Refraction

Card 3/3

KOTLYAR, V.A.

Results of using controlled mercury-arc rectifiers for
dynamic braking of a mine hoisting machine. Nauch. trudy
KNIUI no. 11:205-207 '62. (MIRA 17:7)

KOTLYAR, V.I., Cand Biol Sci -- (diss) "Study of ^{from} cerebral localization
of certain motor manifestations ^{of} ~~in~~ experimentally ^{spasmodic fits} induced convulsions."

Mos, 1959, 15 pp (Mos State Univ im M.V. Lomon. sov. Biol Soil Faculty)

150 copies (KL, 36-59, 114)

- 34 -

KOTLYAR, V.K.

Effect of pilodarpine on secretion of the intestinal glands. Tr.
Vsesoiuz. obsh. fiziol. no. 1:48-51 1952. (CLML 24:1)

1. Delivered 1 December 1949, Irkutsk.

KOTLYAR, V. K., Cand Med Sci -- (diss) "Experimental verification of the action of mineral water of spring No 3 in the "Arshan" health resort on gastric secretion in the normal and in the pathological state." Irkutsk, 1960. 12 pp; (Irkutsk State Medical Inst); 250 copies; price not given; (KL, 17-60, 170)

KOTLYAR, V.N.

Types of deposits associated with paleovolcanism. Zakonom.razm.
polezn.iskop. 7:339-346 '64. (MIRA 17:6)

1. Moskovskiy institut stali i splavov.

AND THE GROUPS																									
PROCESSES AND PROPERTIES													PROCESSES AND PROPERTIES												
<p>Exploration by boring of the Degtyar, Ural, copper pyrite deposits. V. N. Kotlyar. <i>Tekhnicheskoe Metal.</i> 1934, No. 7, 13-19. --The Degtyar deposit is the basis on which a gigantic Cu-industry in Middle Ural is planned. In view of the fact that the Cu content of the deposit varies little with depth, few borings should be needed. S. L. Madorsky</p>																									
<p>ASB SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									

<p>CA</p>										<p>PROCESSES AND PROPERTIES INDEX</p>										<p>7</p>									
<p>Zangerer ore deposits. V. N. Kotlyar and A. I. Dudin. <i>Tsvetnye Metali</i>, No. 7, 17-25(1977).—A description of geol. structure, mineralization and genesis of Cu deposits in Russian Armenia. B. N. Daniloff</p>																													
<p>ASIA-ILA METALLURGICAL LITERATURE CLASSIFICATION</p>																													
<p>REGION DIVISION</p>										<p>1970-1979</p>										<p>1980-1989</p>									
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<p><i>CA</i></p> <p>The Paikobek complex of alkaline rocks (Armenian S.S.R., V. N. Kotlyar, <i>Sov. Acad. Sci. U.R.S.S., Ser. Geol.</i> 1945, No. 2, 97-124. (English summary, 125-6).)—intrusions of Upper Eocene age took place in the following order: (1) pyroxenites, gabbros and gabbro-norites, (2) monzonites, quartz monzonites, quartz diorites, and granodiorites, (3) granodiorites and granites, (4) porphyry-like granites, tending toward syenites, (5) syenites, epileucite porphyries and tephrites, (7) alk. and nepheline syenites, (8) sodmarmites, and (9) monzonites tending toward essexites. Compared to differentiation, assimilation and hybridization processes were unimportant. The magma which produced nepheline and alk. syenites seems to have intruded the volcano, with subsequent formation of encircling conical and central intrusions. These syenites show sharp predominance of K over Na, and insignificant amts. of Fe and Mg. Detailed petrographic description is supplemented by 30 complete analyses. Cyrus Feldman</p>																																																																																																																													
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KOTLIAR, V. N.

PA 4T123

USSR/Geology
Petrography

1945

"Orbicular Gabbro Met Near the Voskresenka Village,
Armenian SSR," V. N. Kotliar, 2 pp

"CR Acad Sci" Vol XLIX, No 9

Rare intrusive rocks found in Armenia near the village
of Voskresenka, 13 km east of the town of Kirovakan

4T123

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(Caucasus--Ore deposits)

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Karnavatka rock from Kriboy Rog. Dk '. AN SSSR 83 no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress,
August, 1952. UNCLASSIFIED.

TATARINOV, P.M.; KOTLYAR, V.N., redaktor; BABINTSEV, N.I., redaktor;
POPOV, N.D., ~~tekhnicheskii~~ redaktor.

[Conditions for formation of ore and other mineral deposits] Usloviia
obrazovaniia nestorozhdenii rudnykh i nerudnykh poleznykh iskopaemykh.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр,
1955. 279 p. [Microfilm] (MLRA 8:5)
(Geology)

KOTLYAR, V.N.

Magmatic complexes and mineralization. Sov. geol. no.43:61-70 '55.
(Magma) (Mineralogy) (MLRA 8:9)

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KOTLYAR, V.N., prof.; KABANOVA, Ye.S.; KRISTAL'NIY, B.V.

[The condition of uranium sources in capitalist countries and
methods employed in prospecting for uranium] O sostoianii
syr'evoi bazy urana v kapitalisticheskikh stranakh i metodike
poiskovykh rabot na uran. Pod red. V.N.Kotliara. Moskva, Izd-vo
Akad.nauk SSSR, 1956. 57 p. (MIRA 11:1)

(Uranium)

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ORLOVA, Yelena. Vladimirovna; MARKOVA, Yekaterina Ivanovna; KOTLYAR.V.N.,
redaktor; POTAPOV, V.S., redaktor izdatel'stva; GYROVA, O.A., tekhnicheskii reda .or.

[Copper, lead and zinc resources of capitalist countries] Resursy
medi, svintsa i tsinka v kapitalisticheskikh stranakh. Moskva, Gos.
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(Copper) (Lead) (Zinc)

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zhur. no.4:69-73 Ap '57. (MLRA 10:5)
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Anorthosites, granophyres, and essexite rocks of the Gyumushkhan intrusive complex. Dokl. AN Arm. SSR 24 no.1:43-47 '57. (MLBA 10:4)

1. Institut geologicheskikh nauk Akademii nauk Armyanskoy SSR.
Predstavleno I.O. Magak'yanov.
(Armenia--Rocks, Igneous)

KOTLYAR, V.N.

Leucite in the Pambak. Zap. Vses. min. ob-va 86 no.6:682-690 '57.
(Pambak--Leucite) (MIRA 11:3)

KOTLYAR, Vasil'y Nikitich; MALKHASYAN, H.G., otv.red.; AZIZBEKYAN,
L.A., tekhn.red.

[Pambak; geology, intrusions, and metallogeny of the Pambak
range and adjacent districts of Armenia] Pambak; geologiya,
intrusivny i metallogeniya Pambakskogo khrebtta i smeshnykh
raionov Armenii. Erevan, Izd-vo Armianskoi SSR, 1958. 227 p.
(Armenia--Geology) (MIRA 12:7)

KUTLYAR, V.N.

3(5)

PHASE I BOOK EXPLOITATION 207/1923

Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk.
Komissiya po probleme "Zakonomernosti razmeshcheniya poleznykh
iskopayemykh."

Zakonomernosti razmeshcheniya poleznykh iskopayemykh (Regularities in
the Distribution of Mineral Deposits Vol 1. Moscow, Izd-vo AN SSSR,
1958. 312 p. Errata slip inserted. 2,500 copies printed.

Recp. Ed.: N.S. Shatskiy, Academician; Editorial Board: N.S. Shatskiy,
Academician, D.I. Shcherbakov, Academician, M.A. Belyayevskiy,
M.M. Dolgoplov, O.D. Levitskiy, Yu.M. Pushcharovskiy, G.A. Sokolev;
Ed. of Publishing House: G.I. Mosov; Tech. Ed.: I.M. Ouseva

PURPOSE: This book is intended for geologists and petrographers,
particularly those interested in the worldwide distribution of
minerals and the reasons underlying their occurrence.

COVERAGE: On the basis of particular regional studies this book
attempts to establish the rules governing the distribution of
metallic and non-metallic ore deposits. The work includes articles
on the metallogeny of individual minerals, on broad methodological
problems, and on the possibility of predicting the occurrence of
a mineral in the USSR on the basis of its occurrence throughout
the world. Six maps depicting the distribution of a particular
mineral throughout the world are included with the work.
References accompany each article.

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KOTLYAR, V.N.

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razm. polezn. iskop. 1:416-425 '58. (MIRA 12:3) .

1. Institut tsvetnykh metallov i solota im. Kalinina.
(Caucasus--Ore deposits)

KOTLYAR, Y.N.

Dikes and associated ores. Nauch.dokl.vys.shkoly:geol.-nauki no.4:
159-161 '58. (MIRA 12:6)

1. Moskovskiy institut tsvetnykh metallov i zolota im. M.I.Kalinina,
kafedra poleznykh iskopayemykh.
(Rocks, Igneous) (Ore deposits)

KOTLYAR, V.N.; TITOVA, N.A.; KRISTAL'NIY, B.V.; SHEVCHENKO, G.A.,
tekhn.red.

[Geology, and uranium and thorium resources in capitalist
countries; collected studies] Voprosy geologii i syr'evoi
bazy urana i toriya kapitalisticheskikh stran; sbornik statei.
Moskva, Vses.in-t nauchn.i tekhn.informatsii, 1959. 143 p.
(MIRA 13:2)

(Uranium)

(Thorium)

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 RYBALOV, B.L.; SONYUSHKIN, Ye.P.; KHOROSHILOV, L.V.; CHERNYSHEV,
 V.F.; BIRYUKOV, V.I.; GARMASH, A.A.; DRUZHININ, A.V.; KARAMYAN,
 K.A.; KUZNETSOV, K.F.; LOZOVSKIY, V.I.; MALINOVSKIY, Ye.P.;
 NEVSKIY, V.A.; PAVLOV, N.V.; ROMENSON, B.M.; SAMONOV, I.Z.;
 SIDORENKO, A.V. [deceased]; SOPKO, P.F.; CHEGLOKOV, S.V.; YUDIN,
 B.A.; KREYTER, V.M., doktor geologo-mineral.nauk; retsenzent; ..
 KOTLYAR, V.N., doktor geologo-mineral.nauk, retsenzent; GRUSHEVOY, .
 V.G., doktor geologo-mineral.nauk, retsenzent; NAKOVNIK, N.I., doktor
 geologo-mineral.nauk, retsenzent; KUREK, N.N., doktor geologo-mineral.
 nauk, retsenzent; LIOGEN'KIY, S.N., retsenzent; SHATALOV, Ye.T., doktor
 geologo-mineral.nauk, red.; KRISTAL'NIY, B.V., red.; SERGEYEVA, N.A.,
 red.izd-va; GUROVA, O.A., tekhn.red.

[Basic problems and methods of studying structures of ore provinces
 (Continued on next card)]

VOL'FSON, P.I.---(continued) Card 2.

and deposits] Osnovnye voprosy i metody izucheniia struktur rudnykh polei i mestorozhdenii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960. 623 p.

(MIRA 13:11)

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(Ore deposits)

KOTLYAR, V.M.

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sv.; vol. 1, no. 3, 1960. (SI A 13:12)

U. M. Institut izvestiy o metallov i zolota im. N.I. Kalnina.
(Rocks, Igneous) (Ore deposits)

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Old metalliferous conglomerates. Sov. geol. 3 no. 11:45-67
N '60. (MIRA 13:12)

1. Krasnoyarskiy institut tsvetnykh metallov imeni M.I. Kalinina.
(Conglomerate)

KOTLYAR, Vasily Nikitich; BETEKHTIN, A.G., retsenzent; TATARINOV, P.M. retsenzent; YAKZHIN, A.A., retsenzent; KRASHNIKOV, V.I., retsenzent; GOTMAN, Ya.D., retsenzent; ARAPOV, Yu.A., retsenzent; LUGOV, S.F., red.; OVCHENNIKOVA, S.V., red. izd-va; BYKOVA, V.V., tekhn. red.

[Geology and genetic types of industrial uranium deposits] Geologiya i geneticheskie tipy promyshlennykh mestorozhdenii Urala. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 245 p. (MIRA 14:10)

(Uranium)

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okh. nedr 27 no.8:1-3 Ag '61. (MIRA 16:7)

1. ITsMIZ.

(Ore deposits)

(Rocks, Igneous)

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1. Moskovskiy institut tsvetnykh metallov i zolota imeni M.I.
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(Rocks, Igneous)

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(MIRA 14:6)

(Copper ores)

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One example of the genetic association of rare-metal pegmatites
with granites. Izv.vys.ucheb.zav.; geol.i razv. 5 no.3:62-69
Mr '62. (MIRA 15:4)

1. Moskovskiv institut stali.
(Pegmatites) (Granite)

KOTLYAR, V. N.

Ore-bearing volcanic vents and their spatial distribution. Zap.
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(Volcanoes) (Ore deposits)

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;
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YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.;
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S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; ODI NTSOV, M.M.; PAVLOV, Ye.S.;
SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV,
N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;
CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4
no.5:156-158 My '61. (MIRA 14:6)
(Levitskii, Oleg Dmitrievich, 1909-1961)

KOTLYAR, V.N.

"Ore deposits; industrial types of metal ore deposits" by
I.G. Magak'ian. Reviewed by V.N. Kotliar. Sov.geol. 5
no.11:138-139 N '62. (MIRA 15:12)
(Ore deposits) (Magak'ian, I.G.)

BEZGUBOV, A.I.; BYVSHIKH, Yu.I.; DEMENT'YEV, P.K.; KISLAYKOV, Ya.M.;
KOVALEV, L.V. [deceased]; KOTLYAN, V.N., prof.; KRUGLOVA, V.G.;
RUDNITSKAYA, L.S.; TSYRUL'NIKOV, V.M.; VARZANOVA, A.N., red.;
VLASOVA, N.A., tekhn. red.

[Uranium in ancient conglomerates] Uran v drevnikh konglome-
ratakh. Moskva, Gosatomizdat, 1963. 187 p. (MIRA 16:4)
(Uranium) (Conglomerate)

KOTLYAR, V.N.

"Geology of the Nakhichevan A.S.S.R." by Sh.A. Azizbekov.
Reviewed by V.N. Kotliar. Izv. AN Azerb. SSR Ser. geol.-geog.
nauk i nefti no.1:103-104 '63. (MIRA 16:6)

(Nakhichevan—Geology)
(Azizbekov, Sh.A.)

KOTLYAR, V.N.

~~MASSACHUSETTS~~, ~~Y.S.~~

(21)

S/011/63/000/001/002/002
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963, 126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it was attended by 455 representatives from scientific and industrial geological organizations including 24 Academicians and Corresponding Members of AS USSR and AS of various republics, 49 Doctors-Professors and 164 Candidates of Geological and Mineralogical Sciences. The Conference was opened by Academician D. I. Shcherbakov, secretary of OOGN, AS USSR. The program of the Conference was divided into three main groups: a) regularities in the formation and distribution of endogenous deposits in the Caucasus; b) regularities in the formation and distribution of endogenous deposits of other folding regions of the Alpine cycle; c) general problems of metallogeny. In group a) reports on basic features

Card 1/4

The Third All-Union Conference on...

5/011/63/000/001/002/002
A006/A101

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtychyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosyncline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkasan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenious volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleo-volcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. F. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Buzdze) the Chubukhlu-Tanzutak ore region (S. Sh. Sarkisyan). Reports were read on polymetallic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. O. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

Card 2/3

KOTLYAR, V.N.

Concentric zonal mineralization of ore-bearing volcanic domes,
vents, and pipes. Trudy lab. paleovulk. Kazakh. gos. un.
no.56:227-230 '63. (MIRA 16:6)

1. Moskovskiy institut stali i splavov.
(Volcanoes)

KOTLYAR, V.N.; SOLOV'YEV, N.N.; TIKHONOV, N.D.

Geological characteristics of deposits associated with
ancient volcanic structures. Geol. rud. mestorozh. 5 no.5:
18-34 S-O '63. (MIRA 16:11)

1. Moskovskiy institut stali.

KOTLYAR, V.N.; LUGOV, S.F.

Interdepartmental conference on "Ore potential of volcanic
formations." Geol. rud. mestorozh. 5 no.5:100-102 S-0 '63.
(MIRA 16:11)

KOTLYAR, V.N.; LUGOV, S.F.

Interdepartmental conference on "Ore potential of volcanic formations." Sov. geol. 6 no.10:139-143 0 '63. (MIRA 17:1)

1. Gosudarstvennyy geologicheskii komitet i Moskovskiy institut stali.

KOTLEAR, V.N. [Kotlyar, V.N.]

Mineralized volcanic necks and their spatial distribution. Analele
geol geogr 17 no.4:3-10 O-D '63.

KOTLYAR, V.N.

Recent trends in the study of endogenic deposits. Razved. i okh.
nedr .29 no.9:1-4 S '63. (MIRA 16:10)

1. Moskovskiy institut stali i splavov.

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;
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red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-
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